



Press Release

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Custom sensors and complex systems allow for competitive advantages for OEM device manufacturers

First Sensor specializes in the development and manufacture of custom sensors, electronics, modules and complex systems. As a solution provider the company offers complete development services from a first draft and proof of concept up to the development of prototypes and finally serial production. Custom sensors and complex systems from First Sensor allow OEM device manufacturers to shorten their design cycle, save development costs and achieve competitive advantages as well as fast innovations to the market.

First Sensor offers comprehensive development expertise, state-of-the-art packaging technologies and production capacities in clean rooms from ISO class 8 to 5. From thick-film technology to the processing of bare dice and mounting of active or passive electronic components up to the encapsulation and sealing in hermetic housings all modular technology steps will be optimized to enable a cost efficient production process. Further, First Sensor performs custom and application specific calibrations as well as test procedures such as design margin testing, screening and qualification according to industrial standards. The company has many years of application experience from development projects in the medical, industrial, aerospace and automotive market. From custom specific development up to serial production all processes at First Sensor are subject to different quality management systems certified according to e.g. EN ISO 13485 (medical device standard), ISO/TS 16949 (automotive industry) or EN 9100 (aerospace standard).

Custom sensors and complex systems from First Sensor are successfully used e.g. in medical ventilators, camera systems, computed tomography systems, driver assistance systems, LIDAR systems, baggage scanners and space probes.

First Sensor is the right partner for OEM device manufacturers when their own development and production capacities are not sufficient, cost and technology risks should be limited or they decide to concentrate on their core tasks.



About First Sensor

First Sensor is a leading supplier of sensor solutions in the Medical, Industrial, Mobility, and Electronic Engineering & Manufacturing Services fields. First Sensor develops and manufactures high-quality, customer-specific sensor solutions for the detection of light, radiation, pressure, flow, level and acceleration. The company produces in-house and along the value adding-chain from component to system level. In 2013, First Sensor achieved annual sales of €109 million. Employing more than 750 people, the company is represented at 18 locations around the world.

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